SHARP

LC-40LE700UN

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AQUOS

Overview

With the introduction of the LE700 Series, Sharp combines its legendary AQUOS® LCD panel technology with a newly developed, proprietary Full Array LED backlight system to create picture quality that is second to none. The LC-40LE700UN again illustrates Sharp's LCD technology leadership while also demonstrating its LED engineering advantages.

Sharp's UltraBrilliant LED System illuminates the TV to extremely high brightness and contrast levels and enables significant environmental benefits such as a longer life expectancy, no heavy metals and lower power consumption. At the same time, the new X-Gen LCD Panel utilizes an ingeniously devised pixel design that permits more light to pass through even while minimizing light leakage, with the result being the deepest black levels that AQUOS has ever achieved. Overall, the LC-40LE700UN shows that with Sharp, it's not just LED, it's AQUOS LED.

Features

- Full HD 1080p (1920 x 1080) Resolution - for the sharpest picture possible.
- UltraBrilliant LED System - includes a unique "double -dome" light amplifier lens and multi-fluorescents, enabling high brightness and color purity. The system features a full array of LEDs evenly dispersed behind a diffuser, resulting in more uniformity.
- Full HD 1080p X-Gen LCD Panel - is designed with advanced pixel control to minimize light leakage and a wider aperture to let more light through, providing the industry's highest contrast level.
- 120Hz Fine Motion Enhanced - for the ultimate in fast -motion picture quality.
- Vyper Drive Game Mode - is Sharp’s built-in technology that eliminates perceptible video lag that may occur due to the electronic transition time between the game console and the game’s display on the TV.

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Specifications

Basic Specifications	
Screen Size Class	40" Class (40" Diagonal)
Panel Type	X-Gen LCD Panel
Pixel Resolution	Full 1920 x 1080 HD Resolution
Backlight System	Full Array LED
Viewing Angles	176º H / 176º V
LED Life (hours)*	100,000
Audio System	10W + 10W
120HzFrameRate	Yes
Tuning System	ATSC / QAM / NTSC
Spectral Contrast Engine Level	MC (over 2,000,000:1)
Aspect Ratio	16:9
Response Time	4ms
Features	
AQUOS® Series	Yes
Quattron quad pixel technology	No
AQUOS Net	Yes
AQUOS Advantage ? Support	Yes
Digital Still Picture Display	Yes
Game-Optimized	Yes
Terminals	
HDMI®	4 (v1.3 with deep color)
HD Component	2 (1080p compatible)
Composite Video	RCA x 2
S-Video	4-pin DIN x 1
Audio Inputs (L/R)	4 RCA
RS-232C	1
PC	1 (15-pin D-sub)
Ethernet Input	1

*The typical period of time after which the lamp's power output will have decreased by about half, given that the TV is used continuously in a 77°F room under standard lighting and brightness conditions.

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Product specification and design are subject to change without notice.

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